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DEPARTMENT OF THE AIR FORCE STAFF MESSAGE DIVISION INCOMING MESSAGE

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AC - PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY B ENCRYPT OF PHYSICALLY REMOVE ALL INTERNAL REFERENCES BY DATE TIME GROUP PRICE TO DECLASSIFICATION NO UNCLASSIFIED REFERENCE IF THE DTG IS QUOTED BEFORE ISC.

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//S E C R F T//FROM RDYT 15-12-15-E.

FOR LT COL ROBERT CAREY AFCIN-2B3. THIS MSGS IN TWO PARTS.

CONNECTION THERWITH THE FOLLOWING INFORMATION WAS RECIVED FROM THE ASSISTANT COMMANDER FOR MISSILE TESTS AFBMD PATRICK AFB QUOTE ASSEME CITED RUMORS ARE RESULT OF SIGHTINGS AT NIGHT OF A PHENOMENON WHICH STARTS JUST PRIOR TO BURNOUT ON THOR AND JUMPITER FLIGHTS AND JUST AFER BIGHTS WITH AN INTENSITY ROUGHLY EQUAL TO THAT OF THE MILKY WAY. AFTER STARTING IT, IS OBSERVED OVER REMAINDER OF THE TRAJECTORY TO BURNOUT AND THE EFFECT IS NOT A CLOUD REFLECTING INCIDENT LIGHT.

CMM Flutting of ARS TO DEFORADALILANDOR FINEREX THE FULL DEFORM OF BEAUTHOUSE

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DEPARTMENT OF THE AIR FORCE STAFF MESSAGE DIVISION A LINCOMING MESSAGE

516 (16 Dec 59) FROM A WOLUME OF SPACE. IT SHOULD BE NOTED THAT IT IS SUSPECTED HERF ARE 2 PHENOMENA INVOLVED CMM 1 BEING THIS DIRECT ENERGY RADIATION WHICH IS OBSERVED DURING THE NIGHT AT TIMES WHEN THE SUN COULD NOT BE ILLUMINATING THE TRAJECTORY CMM AND THE OTHER OCCURING SHORTLY AFTER OR BEFORE TWILIGHT WHEN IT IS SUSPECTED THAT THERE IS SCATTERING OF INCIDENT SUNLIGHT FROM THE EXHAUST GAS CLOUD. THE FOLLOWING COMMENTS ARE RESTRICTED TO THE FORMER CASE WHEN VIEWED FROM CAPE CANAVERAL CMM THE PHENOMENON APPEARS AS A CORONA AROUND THE MISSILE FLAME AND SOMETIMES PERSISTS AFTER BURNOUT, WHEN VIEWED FROM THE SIDE , PHENOMENON APPEARS AS A DIFFUSION OF FAINT LUMINOSITY OUT FROM THE FLAME TRAIL BUT SEVERAL TIMES WIDER AND PERSISTING AFTER THE FLAME HAS MOVED WILL AWAY FROM A PARTICULAR POINT, THIS PERSISTANCE HAS BEEN SERVED TO LAST WELL OVER 30 SECONDS AFTER THE FLAME PASSED AFTER BURNOUT WHEN VIEWED FROM THE REAR THE FOOLOWING NOTES CONCERNING THE LUMINESCENCE PHENOMENON WERE TAKEN ON THE THOR LAUNCHED 5 AUG 59 CLN QUOTE STARTED ABOUT 10 SECONDS BEFORE BURNOUT WITH THE INITIAL PORTION HAVING A PERSISTENCE ESTIMATE BE WEEN 20 AND 40 SECONDS BEFORE VISUAL RECOGNITION WAS LOS NODOTE. THIS PARTICULAR MISSILE WAS AT AN ALT TUDE OF APPROX eravo eset paren 73 km paren when the phenomeno OBSERVED; BURNOUT OCCURRED AT AN ALIMADE OF 2

FF FOR PAREN 88 KM. PARENT PRELIMINARY SEARCH OF SURVEY INFORMATION OF THE OFFICE OF PRIMARY INDIVIDUAL STREET OF THE OFFICE OF PRIMARY INDIVIDUAL STREET OF THE OFFICE OF TRIMARY INDIVIDUAL STREET OF THE OFFICE OF THE OFFICE OF TRIMARY INDIVIDUAL STREET OF THE OFFICE OF TRIMARY INDIVIDUAL STREET OF THE OFFICE OF THE OFFICE OF TRIMARY INDIVIDUAL STREET OF THE OFFICE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OFF

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DEPARTMENT OF THE AIR FORCE STAFF MESSAGE DIVISION INCOMING MESSAGE

ON THE AIMOSPHERE REVEALS THAT THE ALTITUDE OF THE START OF THE PHENOMENON IS IN THE UPPER PORTIONS OF THE QUOTE DELTA UNQUOTE LAYER OF THE IONOSPHERE AND, IN PARTICULAR, THE OBSERVATION FOR THIS MISSILE SHOWS THE EXISTENCE OF THE PHENOMENON IN THE HANGE OF ALTITUDE WHERE NOCTILUCENTHOLOUDS OCCUR. SEVERAL COMJECTURES HAVE BEEN MADE ABOUT THE MECHANISM PRODUCING THE VISIBLE ENERGY. WE PLAN TO MAKE MORE DETAILED OBSERVATIONS ON THE NEXT FEW FLIGHTS TO ATTEMPT TO CORRELATE THE PHENOMENON WITH THE MISSILE AND MISSILE TRAJECTORY FLIGHT HISTORY END QUOTE.

TAKI 11. PELATIVE TO PARA 3 AND 4 OF THE ABOVE REFERENCED

MAIC MEMO INQUIRIES ARE BEING MADE WITH ARDC TO DETERMINE PEASIBILITY AND, OR PRACTICABILITY OF CONDUCTING TASK DESCRIBED THEREIN

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